

Title (en)  
POLYCARBONATE COMPOSITIONS HAVING INFRARED ABSORBANCE, METHOD OF MANUFACTURE, AND ARTICLES PREPARED THEREFROM

Title (de)  
POLYCARBONAT-ZUSAMMENSETZUNGEN MIT INFRAROT-ABSORBIERUNG, HERSTELLUNGSVERFAHREN UND DARAUS HERGESTELLTE ARTIKEL

Title (fr)  
COMPOSITIONS A BASE DE POLYCARBONATE PRESENTANT UNE ABSORBANCE D'INFRAROUGE, PROCEDE DE FABRICATION, ET ARTICLES REALISES A PARTIR DE TELLES COMPOSITIONS

Publication  
**EP 1907465 B1 20140723 (EN)**

Application  
**EP 06813218 A 20060630**

Priority  
• US 2006025870 W 20060630  
• US 18074605 A 20050713

Abstract (en)  
[origin: WO2007008476A2] A composition is disclosed, comprising a polycarbonate resin, an inorganic infrared shielding additive, and carbon black, wherein an article prepared from the composition has the inorganic infrared shielding additive present at about 0.01 to about 1.0 grams per square meter, and carbon black present at about 0.001 to about 2.0 grams per square meter. The article prepared from the composition meets at least one scale requirement for European Norm EN 169 and/or EN 171, and is useful for preparing infrared shielding protective eyewear with low haze.

IPC 8 full level  
**C08K 3/38** (2006.01); **A61F 9/06** (2006.01); **C08K 3/04** (2006.01); **C08K 3/22** (2006.01); **C08L 69/00** (2006.01)

CPC (source: EP KR US)  
**A61F 9/045** (2013.01 - KR); **C08J 3/226** (2013.01 - KR); **C08K 3/04** (2013.01 - EP KR US); **C08K 3/22** (2013.01 - EP KR US); **C08K 3/38** (2013.01 - EP KR US); **C08L 69/00** (2013.01 - KR); **A61F 9/022** (2013.01 - EP); **A61F 9/045** (2013.01 - US); **A61F 9/065** (2013.01 - EP); **A61F 2240/001** (2013.01 - EP); **Y10T 428/25** (2015.01 - EP US); **Y10T 428/256** (2015.01 - EP US); **Y10T 428/269** (2015.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007008476 A2 20070118; WO 2007008476 A3 20070510**; AU 2006269478 A1 20070118; BR PI0615502 A2 20110517; CA 2615126 A1 20070118; CN 101263189 A 20080910; CN 101263189 B 20121114; EP 1907465 A2 20080409; EP 1907465 B1 20140723; IL 188742 A0 20080807; JP 2009501266 A 20090115; KR 20080027939 A 20080328; NO 20080771 L 20080408; RU 2008105397 A 20090820; TW 200712125 A 20070401; US 2007015081 A1 20070118; US 8900693 B2 20141202

DOCDB simple family (application)  
**US 2006025870 W 20060630**; AU 2006269478 A 20060630; BR PI0615502 A 20060630; CA 2615126 A 20060630; CN 200680033738 A 20060630; EP 06813218 A 20060630; IL 18874208 A 20080113; JP 2008521429 A 20060630; KR 20087003406 A 20080212; NO 20080771 A 20080212; RU 2008105397 A 20060630; TW 95125592 A 20060713; US 18074605 A 20050713